

PAT-NO: JP402016330A
**DOCUMENT-
IDENTIFIER:** JP 02016330 A
TITLE: MOTORCYCLE PROVIDED WITH ENGINE HAVING
TURBOCHARGER
PUBN-DATE: January 19, 1990

INVENTOR-INFORMATION:

NAME	COUNTRY
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ASSIGNEE-INFORMATION:

NAME	COUNTRY
YAMAHA MOTOR CO LTD	N/A

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ABSTRACT:

PURPOSE: To facilitate incorporation of a turbocharger by coupling an exhaust pipe extending downward to an exhaust port which is opened on the front surface of a cylinder head on a cylinder head which is inclined forward, and arranging a mechanical turbocharger in a space between the exhaust pipe and a crank case.

CONSTITUTION: A cylinder block 9 inclined forward is erected on the upper surface of a crank case 7, and the cylinder head 13 above the upper part of the cylinder block 9 is projected forward from the front surface 7a of the crank case 7. A carburetor 18 is coupled to an intake port 14 which is formed on the rear surface of the cylinder head 13, meanwhile an exhaust pipe 20 extending downward is coupled to an exhaust port 17 which is formed on the front surface of the cylinder head 13. Further, a space 21 is formed between the exhaust pipe 20 and the front surface 7a of the crank case 7. In addition, a mechanical turbocharger 24 which is interposed on the middle of an intake pipe passage 23 is arranged in the space 21, so that the rotor 26 of the turbocharger 24 is rotated interlockingly through gear lines 28 to 30 by a crank shaft 8.

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